



The State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:

Company Mark Reynolds Resident Agent

Inspection Report

Permit Number:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, December 24, 2003
Start Date/Time:	12/24/2003 8:40:00 AM
End Date/Time:	12/24/2003 12:00:00 PM
Last Inspection:	

Inspector: Pete Hess, Environmental Scientist III

Weather: Overcast; temperature in thirties, F

InspectionID Report Number: 140

Accepted by: pgrubaug
12/29/2003

Permittee: **CO-OP MINING CO**

Operator: **CO-OP MINING CO**

Site: **BEAR CANYON MINE**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

3,336.18	Total Permitted
36.64	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☒ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The development of the #4 Mine rock tunnels is continuing; both tunnels have been advanced approximately forty feet since the last inspection. The permittee has constructed a temporary building on the #4 portal pad to house the continuous mining machine and roof bolter to allow the warming of those machines, such that they are ready for use when necessary. Drilling and blasting is still the primary means of tunnel development. Arches constructed of steel beams are being set for roof control purposes, with steel plates being installed between the rows. The project manager has been given an anticipated coal production startup date of February 1. According to Mr. Reynolds, approximately six hundred feet of coal burn must be developed through in each tunnel.

Inspector's Signature: _____

Date Wednesday, December 24, 2003

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENT

1. *Substantiate the elements on this inspection by checking the appropriate performance standard.*
 - a. *For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.*
 - b. *For PARTIAL inspections check only the elements evaluated.*
2. *Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.*
3. *Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.*
4. *Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.*

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The permittee conducted the third quarter impoundment inspections for the site on July 21, 2003; there were no unusual conditions or hazards noted during that inspection. As of today's inspection, the fourth quarter inspections had not been conducted. Ponds C and D were snow covered; A and B contained water. The permittee also inspected all four of the catch basins at the site on July 21, 2003. Two are located along the #3 Mine access road. Basins 3 and 4 are in the area of the tipple and shop areas. There were no problems noted; all basins retain adequate sediment storage volume.

4.d Hydrologic Balance: Water Monitoring

Discharge monitoring reports for the months of August, September, and October of 2003 were reviewed. There were no outfalls from any of the four sediment ponds during the three month period. There were no parameter exceedances noted from the Mine water discharge point during the three month period. All reports had been submitted in a timely fashion.

5. Explosives

The permittee has temporarily relocated the dynamite and detonator storage magazines to the road switchback just below the #4 Mine portal pad. Explosives are being used to develop two rock tunnels through the coal burn at the #4 Mine portals. All Federal laws for the storage of explosives are being complied with.

7. Coal Mine Waste, Refuse Piles, Impoundments

All coal mine waste, including that from the #4 Mine portal development is being hauled to the Hiawatha permit area for disposal.

9. Protection of Fish, Wildlife and Related Environmental Issues

The permittee needs to have Mr. Charles Reynolds, P.E., re-certify the spill prevention control and countermeasure plan for 2003. The plan was last certified in August of 2000.

12. Backfilling And Grading

The permittee has made some progress relative to the reclamation of the #2 Mine access road. Although the backfill material contains a large percentage of big diameter rock, more pocking needs to be implemented where the reclamation work is being conducted.

14. Subsidence Control

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18. Support Facilities, Utility Installations

Mr. Reynolds indicated that the permittee is uncertain regarding the status of the main electrical substation for the #1 and #2 Mines. A new substation is being considered for the shop and tipple areas.

22. Other

The permittee has initiated the sealing of the #1 Mine; backfill material was seen in place at the #1 Mine Blind Canyon intake portal. A seal has been started at the Bear Canyon belt portal; completion is pending.